

Fig. 1

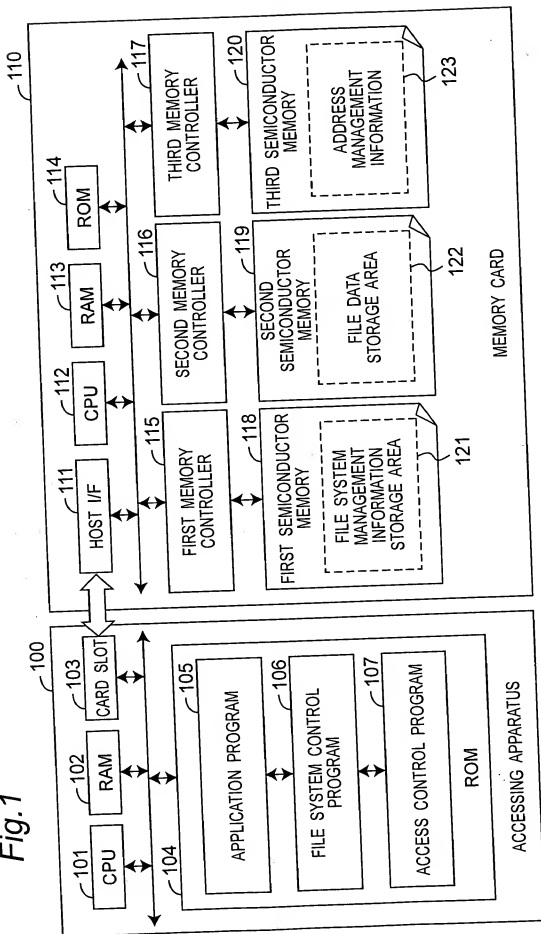


Fig. 2

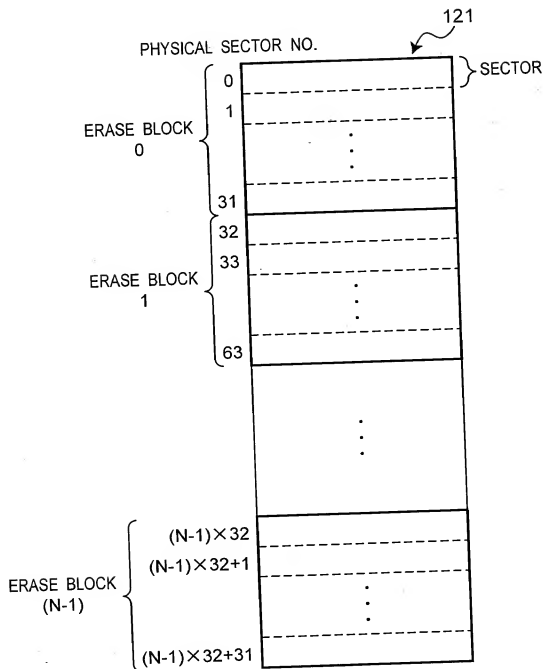


Fig.3

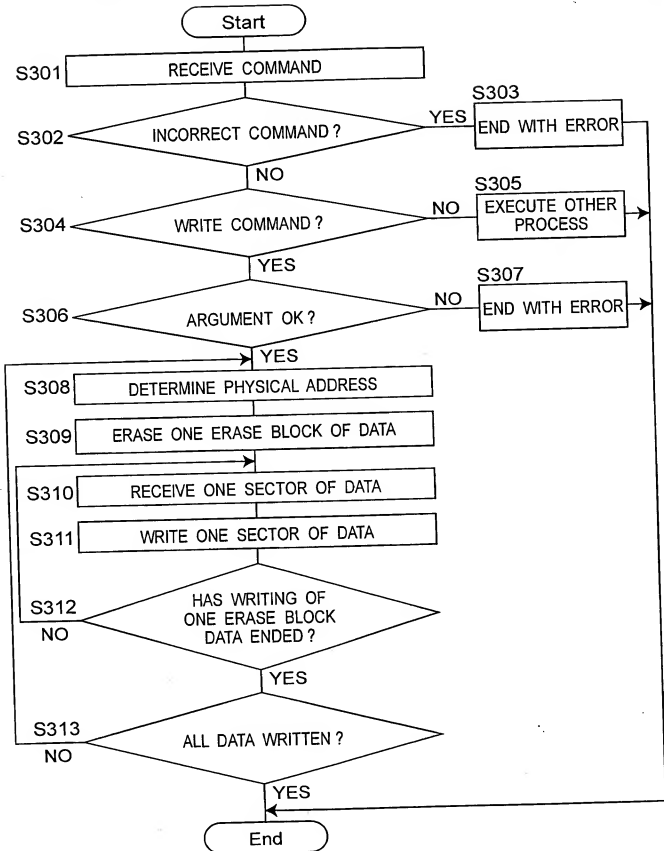


Fig.4

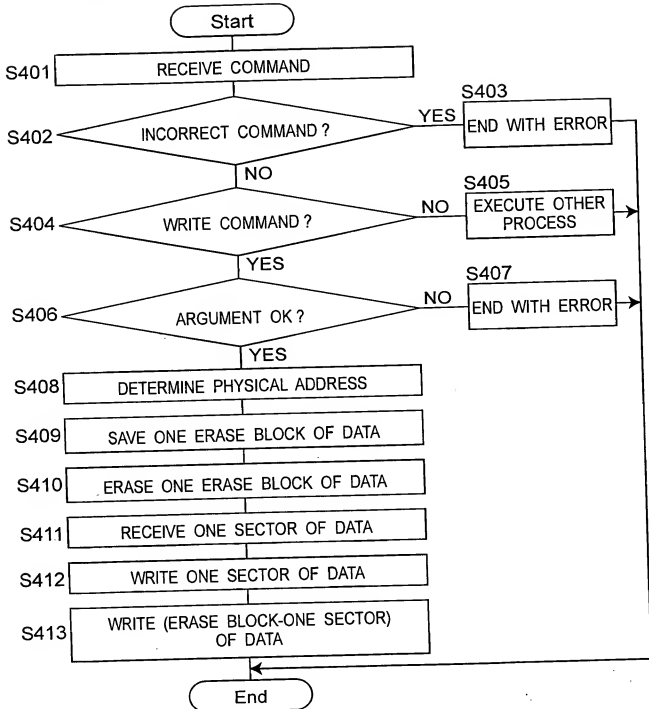


Fig. 5

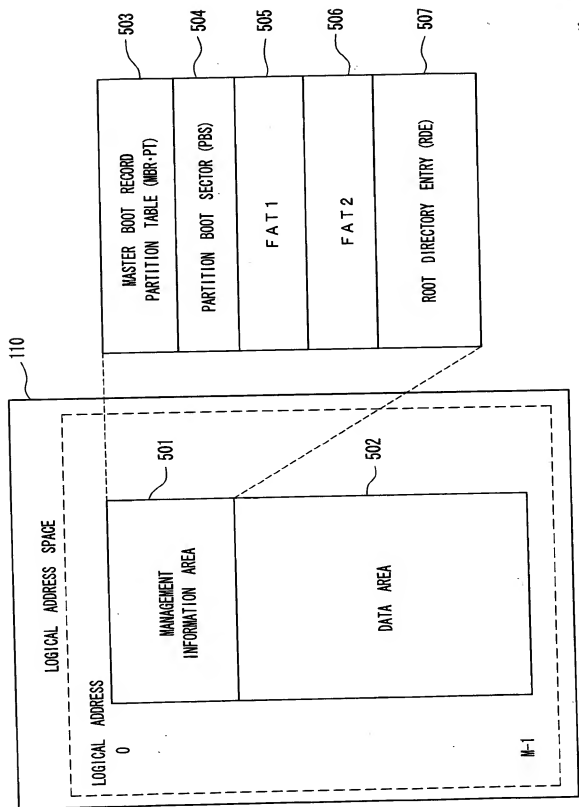


Fig.6

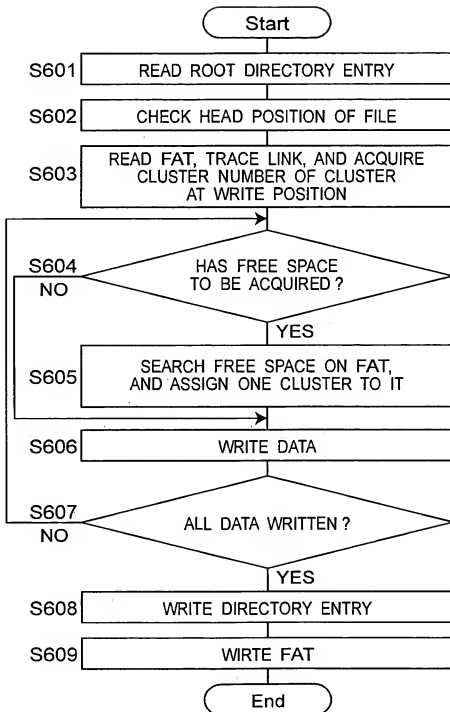


Fig. 7A

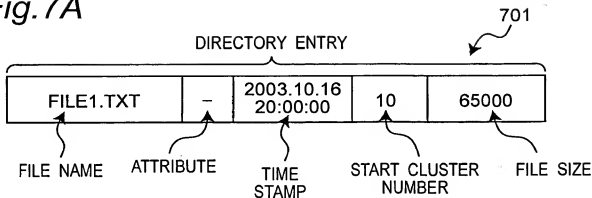


Fig. 7B

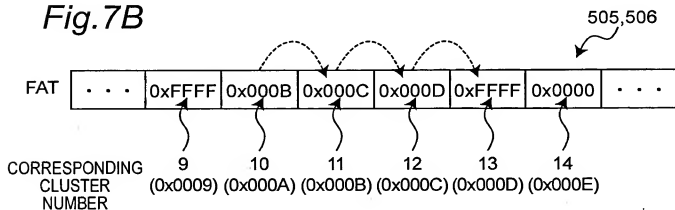


Fig. 7C

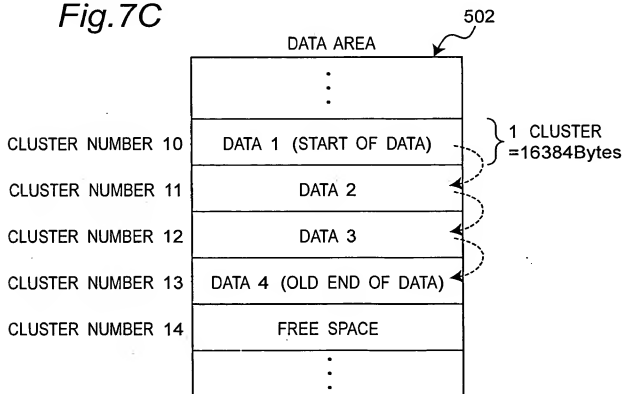


Fig. 8A

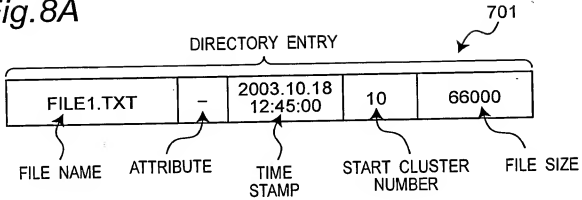


Fig. 8B

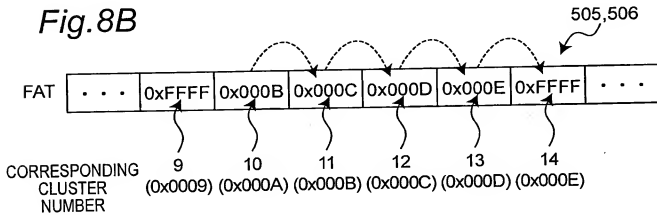


Fig. 8C

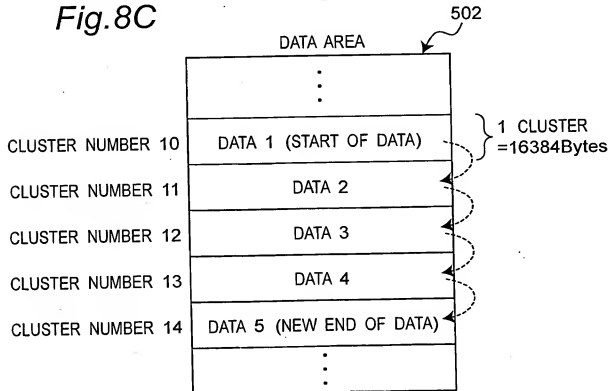


Fig.9

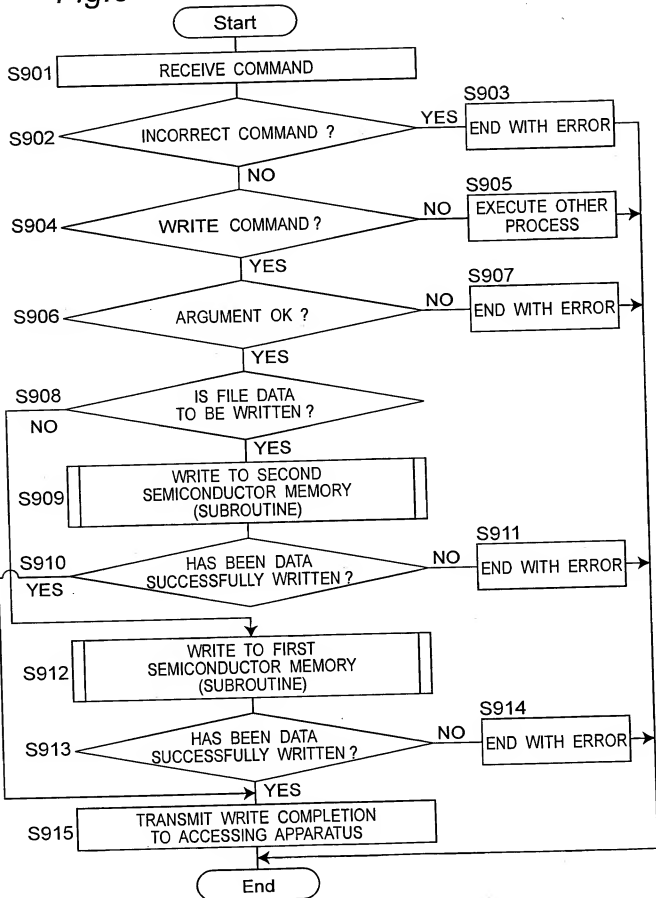


Fig. 10

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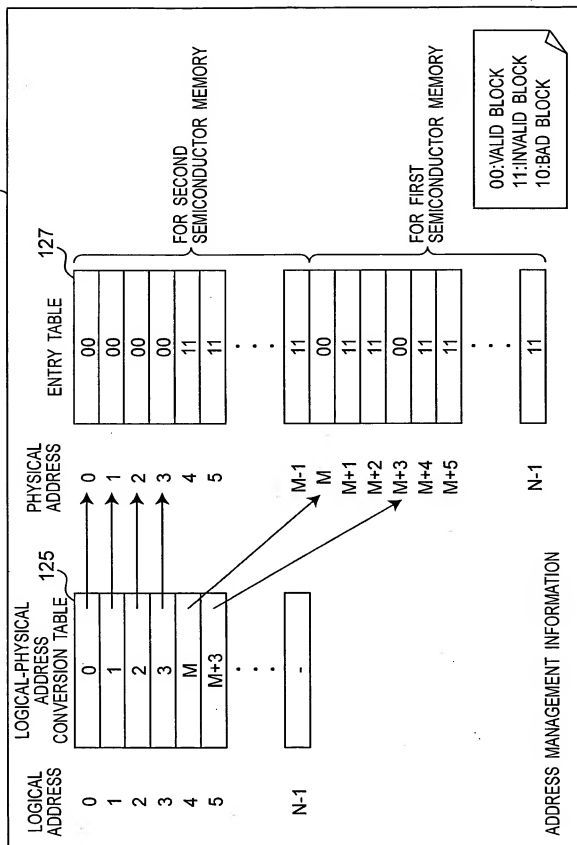


Fig.11

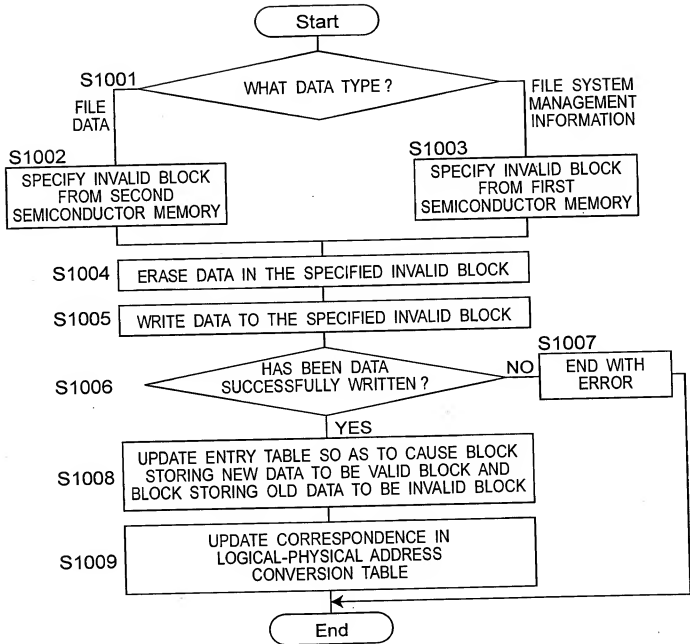


Fig.12

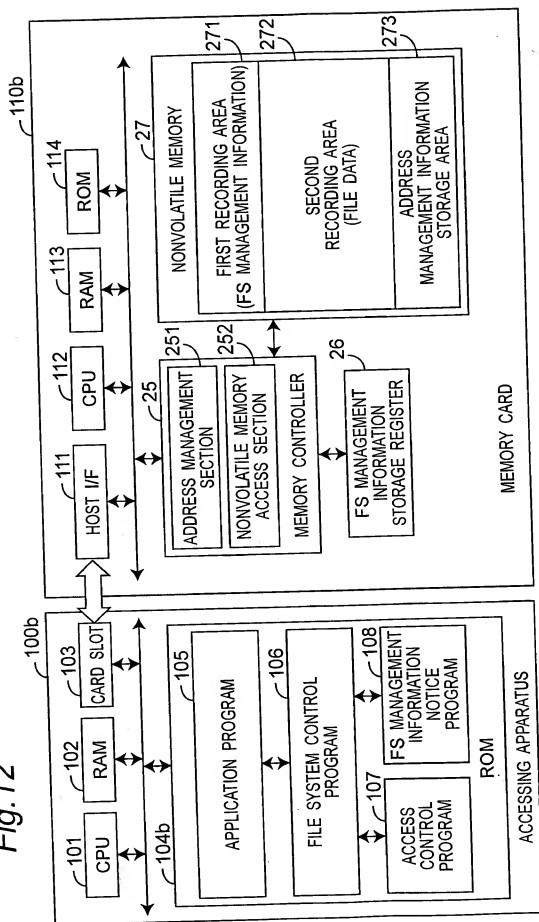


Fig. 13

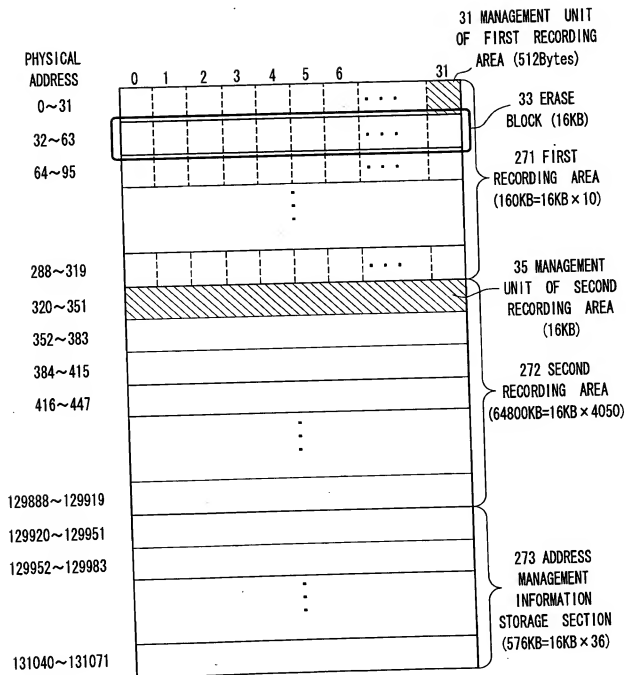


Fig. 14

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LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	352	353	354	355	356		382	383
	64~95	384	385	386	387	388		414	415
	96~127	416	417	418	419	420		446	447
	128~159	-	-	-	-	-		-	-
	160~191	-	-	-	-	-		-	-
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

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LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	11	11	11	11	11	...	11	11
	32~63	11	11	11	11	11		11	11
	64~95	11	11	11	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	00	00	00	00	00		00	00
	384~415	00	00	00	00	00		00	00
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR FIRST RECORDING AREA

FOR SECOND RECORDING AREA

00: VALID BLOCK
 11: INVALID BLOCK (ERASED)
 10: INVALID BLOCK (NOT ERASED)

Fig. 15A

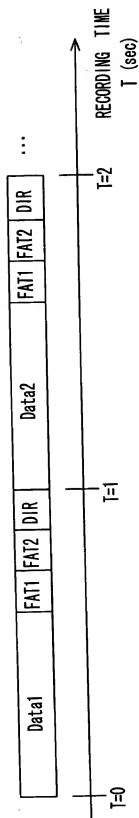


Fig. 15B

Seq.	COMMAND	SEQUENCE	FILE SYSTEM MANAGEMENT INFORMATION	FILE SYSTEM MANAGEMENT INFORMATION	FILE SYSTEM MANAGEMENT INFORMATION
1	SET POSITION	INFORMATION OF FILE	SYSTEM MANAGEMENT INFORMATION (FAT1):SetFSInfoAddr (addr=32, size=1)		
2	SET POSITION	INFORMATION OF FILE	SYSTEM MANAGEMENT INFORMATION (FAT2):SetFSInfoAddr (addr=34, size=1)		
3	SET POSITION	INFORMATION OF FILE	SYSTEM MANAGEMENT INFORMATION (DIR):SetFSInfoAddr (addr=64, size=1)		
4	WRITE 16KB OF DATA:Write (addr=128, size=32)				
5	WRITE FAT1:Write (addr=32, size=1)				
6	WRITE FAT2:Write (addr=34, size=1)				
7	WRITE DIR:Write (addr=64, size=1)				
8	WRITE 16KB OF DATA:Write (addr=160, size=32)				
9	WRITE FAT1:Write (addr=32, size=1)				
10	WRITE FAT2:Write (addr=34, size=1)				
11	WRITE DIR:Write (addr=64, size=1)				
12	AFTERWARD, WRITE SIMILARLY FAT1, FAT2, AND DIR REPEATEDLY				

Fig.16

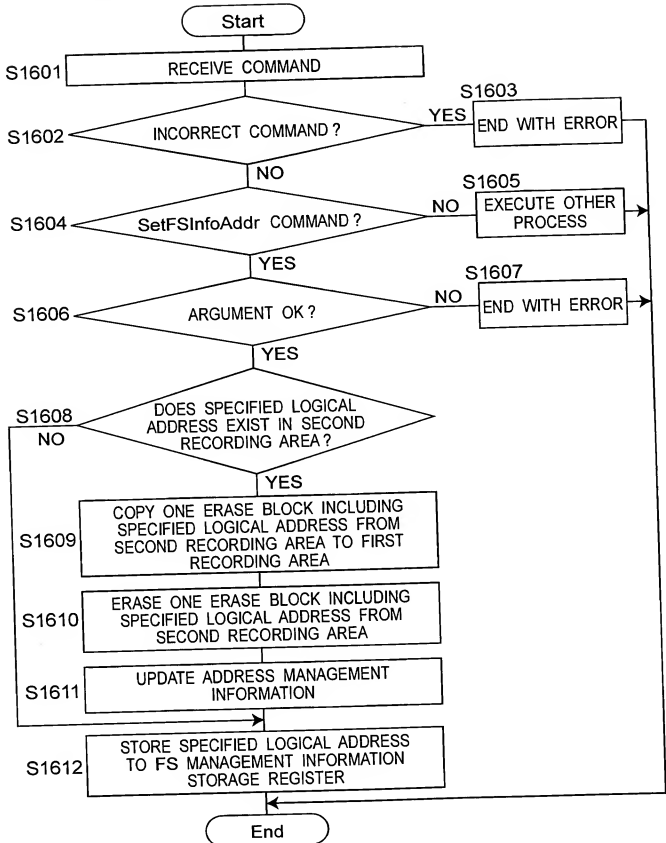


Fig.17

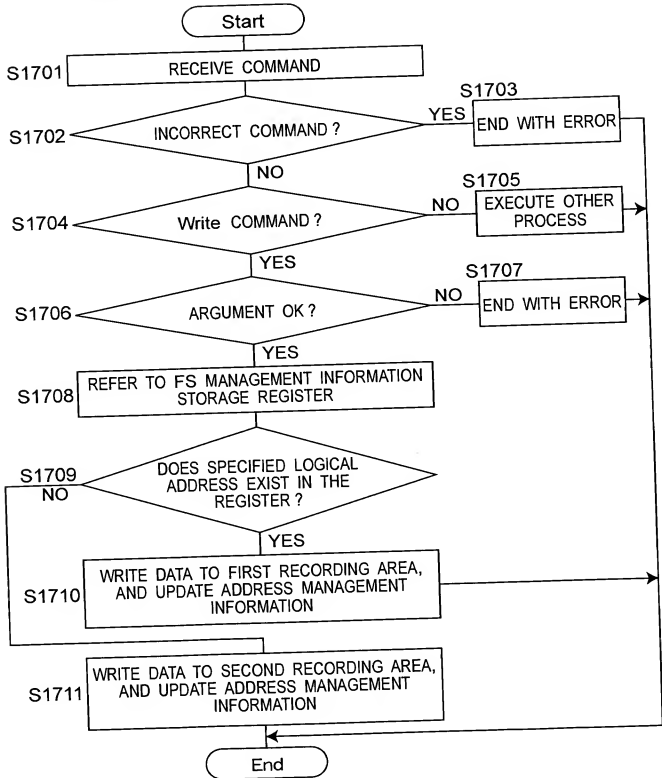


Fig. 18

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LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	0	1	2	3	4		30	31
	64~95	32	33	34	35	36		62	63
	96~127	416	417	418	419	420		446	447
	128~159	-	-	-	-	-		-	-
	160~191	-	-	-	-	-		-	-
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

53

LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	00	00	00	00	00	...	00	00
	32~63	00	00	00	00	00		00	00
	64~95	11	11	11	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	11	11	11	11	11		11	11
	384~415	11	11	11	11	11		11	11
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR FIRST RECORDING AREA

FOR SECOND RECORDING AREA

Fig. 19

51
LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	0	1	2	3	4		30	31
	64~95	32	33	34	35	36		62	63
	96~127	416	417	418	419	420		446	447
	128~159	352	353	354	355	356		382	383
	160~191	-	-	-	-	-		-	-
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

53
LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	00	00	00	00	00	...	00	00
	32~63	00	00	00	00	00		00	00
	64~95	11	11	11	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	00	00	00	00	00		00	00
	384~415	11	11	11	11	11		11	11
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR FIRST RECORDING AREA

FOR SECOND RECORDING AREA

Fig. 20

51
LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	64	1	65	3	4		30	31
	64~95	66	33	34	35	36		62	63
	96~127	416	417	418	419	420		446	447
	128~159	352	353	354	355	356		382	383
	160~191	-	-	-	-	-		-	-
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

53
LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	10	00	10	00	00	...	00	00
	32~63	10	00	00	00	00		00	00
	64~95	00	00	00	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	00	00	00	00	00		00	00
	384~415	11	11	11	11	11		11	11
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR FIRST RECORDING AREA

 FOR SECOND RECORDING AREA

Fig. 21

51
LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	64	1	65	3	4		30	31
	64~95	66	33	34	35	36		62	63
	96~127	416	417	418	419	420		446	447
	128~159	352	353	354	355	356		382	383
	160~191	384	385	386	387	388		414	415
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

53
LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	10	00	10	00	00	...	00	00
	32~63	10	00	00	00	00		00	00
	64~95	00	00	00	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	00	00	00	00	00		00	00
	384~415	00	00	00	00	00		00	00
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR FIRST RECORDING AREA

FOR SECOND RECORDING AREA